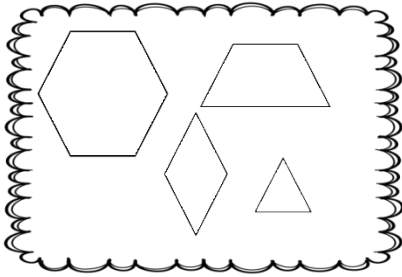


Pattern Block Pictures



Label each pattern block as a fraction of a whole (hexagon=1). Then, use the pattern blocks to create a picture.

1) How many of each pattern block did you use in your picture?

Hexagon	Rhombus	Trapezoid	Triangle

2) Multiply the number of each block by its fractional value. Show your work, and circle the total for each type of block.

Hexagon	Rhombus	Trapezoid	Triangle

3) Add each of your products above to find the sum of all of the pattern blocks you used to make your picture.

Pattern Block Pictures Part 2

1) Order the fractions from step 2 in order from least to greatest.

2) For each of the different pattern block totals you found in step 2, write 3 equivalent fractions.

Hexagon	Rhombus	Trapezoid	Triangle

3) Find the difference between your most used pattern block and your least used pattern block.

4) If you were required to add one trapezoid, 3 triangles, and 6 rhombi to your picture, what steps would you need to take to find the new sum of the pattern blocks.